

## ABSTRACT OF THE DISCLOSURE

10 A discharge capacity retention of a non-aqueous  
secondary battery is enhanced by incorporating into its  
non-aqueous electrolytic solution a small amount of a  
substituted diphenyldisulfide derivative in which each of  
the diphenyl groups has a substituent such as alkoxy,  
15 alkenyloxy, alkynyoxy, cycloalkyloxy, aryloxy, acyloxy,  
alkanesulfonyloxy, arylsulfonyloxy, alkoxycarbonyloxy,  
aryloxycarbonyloxy, halogen,  $CF_3$ ,  $CCl_3$ , or  $CBr_3$ . Prefera-  
bly, a small amount of methyl 2-propylcarbonate, 2-pro-  
pynyl methanesulfonate, 1,3-propanesultone, divinylsul-  
20 fone, 1,4-butanediol dimethanesulfonate or cyclohexyl-  
benzene is further incorporated.